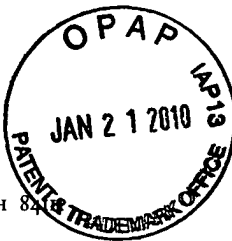




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Cost

PATENT
Docket No. 15436.440.11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Wang et al.

Serial No.: 10/606,104

Filed: Jun. 25, 2003

Confirmation No.: 4209

For: *INP BASED LONG WAVELENGTH VCSEL*

Examiner: Minsun Harvey

Patent No.: 7,433,381 B2

Issue Date: Oct. 7, 2008

Art Unit
2828

REQUEST FOR A CERTIFICATE OF CORRECTION
UNDER 37 C.F.R. § 1.323

Attention: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate

JAN 25 2009

of Correction

Dear Commissioner:

In accordance with the provisions of 37 C.F.R. § 1.323, which implements 35 U.S.C. § 255, the Director is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form PTO/SB/44 reflects the desired corrections.

01/22/2010 MGE BREM1 00000022 7433381

Payment in the amount of \$100, as set forth in 37 C.F.R. § 1.320(a) is submitted herewith to cover the costs for issuance of the requested Certificate of Correction. The Commissioner is hereby authorized to charge payment of any of the following fees that may be applicable to this communication, or credit any overpayment, to Deposit Account No. 23-3178: (1) any filing fees required under 37 CFR § 1.16; (2) any patent application and reexamination processing fees under 37 CFR § 1.17; and/or (3) any post issuance fees under 37 CFR § 1.20. In addition, if any additional extension of time is required, which has not otherwise been requested, please consider

this a petition therefore and charge any additional fees that may be required to Deposit Account No. 23-3178.

Dated this 7 day of JAN '10.

Respectfully submitted,



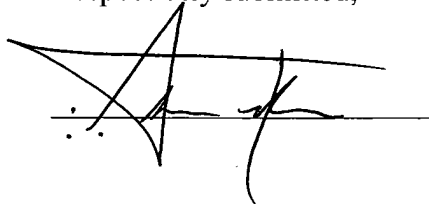
Kulaniakea Fisher
Attorney for Applicant
Registration No.: 50,987
Customer No. 22913

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1000 Eagle Gate Tower
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Salt Lake City, UT 84111
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CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Attention: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 12TH day of JANUARY, 2010.

Respectfully submitted,



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323
PTO Form PTO/SB/44 and check No. 166603 in the amount of \$100

2643411_1.DOC



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ocket No. 15436.440.11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Wang et al.

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Dear Commissioner:

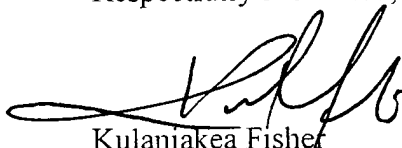
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Payment in the amount of \$100, as set forth in 37 C.F.R. § 1.20(a) is submitted herewith to cover the costs for issuance of the requested Certificate of Correction. The Commissioner is hereby authorized to charge payment of any of the following fees that may be applicable to this communication, or credit any overpayment, to Deposit Account No. 23-3178: (1) any filing fees required under 37 CFR § 1.16; (2) any patent application and reexamination processing fees under 37 CFR § 1.17; and/or (3) any post issuance fees under 37 CFR § 1.20. In addition, if any additional extension of time is required, which has not otherwise been requested, please consider

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Dated this 7 day of JAN '10.

Respectfully submitted,



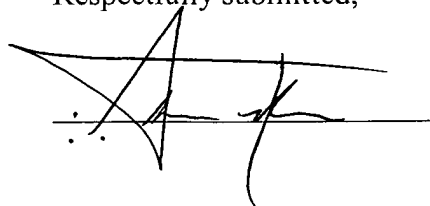
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Transmitted:

REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323
PTO Form PTO/SB/44 and check No. 166603 in the amount of \$100

2643411_1.DOC

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 7,433,381 B2
APPLICATION NO.: 10/606,104
ISSUE DATE : Oct. 7, 2008
INVENTOR(S) : Wang et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Section 56, References Cited, U.S. Patent Documents, replace "5,719,891 * 2/1998 Jewell 372/46.013" with --5,719,891 * 2/1998 Jewell 372/45--

Section 56, References Cited, Other Publications, replace "Choquette et al., "High Single Mode Operation from Hybrid Ion Implanted/Selectively Oxidezed VCSELs", 2000 IEEE 17th International Semiconductor Laser Conference, Monterrey, CA pp. 59-60." with -- Choquette et al., "High Single Mode Operation from Hybrid Ion Implanted/Selectively Oxidezed VCSELs", 200 IEEE 17th International Semiconductor Laser Conference, Monterrey, CA pp. 59-60.--

Section 56, References Cited, Other Publications, replace "Morgan eta I., Vertical-cavity surface emitting lasers come of age, Invited paper, SPIE, vol. 2683 0-8194-2057, Mar. 1996, pp. 18-29." with -Morgan eta I., "Vertical-cavity surface emitting lasers come of age", Invited paper, SPIE, vol. 2683 0-8194-2057, Mar. 1996, pp. 18-29.--

Section 56, References Cited, Other Publications, replace "Smith, R.E. et al., Polarization-Sensitive Subwavelength Antireflection Surfaces on a Semiconductor for 975 NM, *Optics Letters*, vol. 21, No. 15, Aug. 1, 1996, pp. 1201-1203." with --Smith, R.E. et al., "Polarization-Sensitive Subwavelength Antireflection Surfaces on a Semiconductor for 975 NM", *Optics Letters*, vol. 21, No. 15, Aug. 1, 1996, pp. 1201-1203.--

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Section 56, References Cited, Other Publications, include the following omitted references: --

6,704,343 B2	03/2004	Deng et al.	372/97
6,810,056 B1	10/2004	Lipson et al.	372/46.01
6,829,281 B2	12/2004	Deng et al.	372/96
2004/0091010 A1	05/2004	Choquette et al.	372/044 --

Column 2

Line 32, change "options" to --options,--

Line 34, change "InP based mirrors" to --InP-based mirrors--

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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

Page 2 of 2

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APPLICATION NO.: 10/606,104

ISSUE DATE : Oct. 7, 2008

INVENTOR(S) : Wang et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 3

Line 33, change "upper mirror" to --upper mirror 19--

Line 35, change "trench" to --trench 23--

Line 42, change "structure 10" to --the VCSEL 10--

Line 56, change "structure 10" to --the VCSEL 10--

Line 59, change "structure 10" to --the VCSEL 10--

Line 66, change "of may be applied" to --of metal may be applied--

Column 4

Line 6, change "Top mirror 19" to --Top mirror 19,--

Line 6, change "cavity 17" to --cavity 17,--

Line 19, change "structure 10" to --the VCSEL 10--

Line 60, change "structure 10" to --the VCSEL 10--

Line 61, change "put into and oxidizing environment" to --put into an oxidizing environment,--

Column 5

Line 1, change "structure 10" to --the VCSEL 10--

Line 7, change "structure 10" to --the VCSEL 10--

Line 8, change "structure 10" to --the VCSEL 10--

Line 22, change "this view. But" to --this view, but--

Line 24, change "upper mirror" to --upper mirror 19--

Line 25, change "trench" to --trench 23--

Line 61, change "of may be applied" to --of metal may be applied--

Column 6

Line 59, change "InAlAs for example" to --InAlAs, for example,--

Line 60, change "into and" to --into an--

Line 61, change "environment" to --environment,--

Column 7

Line 8, change "structure 60 which" to --structure 60, which--

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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